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Patent
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SUZUKI et al

Application No.: 09/389,318

Filed: September 3, 1999

For: METHOD FOR PRODUCING
HIGHLY UNSATURATED FATTY
ACIDS AND LIPID CONTAINING
SAME



Group Art Unit: 1651

Examiner: I. Marx

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed on August 31, 2000, applicants provide the following amendments and remarks.

In The Claims:

Please amend claim 1 as follows:

1. (Twice Amended) A process for producing arachidonic acid or lipid containing arachidonic acid comprising the steps of culturing a microorganism, belonging to the genus *Mortierella* and having resistance to a carbon source of high concentration, in a medium having a carbon source concentration of at least 4% by weight at the start of culturing, thereby forming archidonic acid or lipid containing arachidonic acid and recovering arachidonic acid, wherein the microorganism has an ability to produce arachidonic acid of at least about 7 g/L when cultured in a medium containing at least

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